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1714

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Yves Charlier
Filed: January 4, 2002
Serial No.: 09/936,980
Group: 1714
Examiner: Olga Asinovsky
For: POLYPROPYLENE HAVING IMPROVED LONG CHAIN
BRANCHING

Via First Class Mail

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate of Mailing

I hereby certify that a copy of the papers enclosed herein are being deposited with the United States Postal Service as "First Class mail" in an envelope addressed to: Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Donna J. Dobson
Donna Dobson

July 8, 2003
Date of Deposit

Sir:

AMENDMENT

In response to the Office Action of April 8, 2003, please amend the above-identified application as follows:

In the Claims

1. (CURRENTLY AMENDED) Polypropylene having enhanced ~~improved~~ long chain branching and increased melt strength characterized in that it is produced by irradiating polypropylene with an electron beam having an energy of at least 5 MeV with a radiation dose of from 5 to 100 kGray in the presence of a grafting agent.

2. (CURRENTLY AMENDED) A polypropylene according to claim 1 wherein said ~~the~~ electron beam energy ~~to be used~~ is ~~of~~ at least 10 MeV.